Traffic Data QA/QC and Flow Data Tool

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What is it?

- A web-based tool to help states check the traffic data submitted to FHWA
- Check traffic data quality
- Generate smoothed traffic flows
- User-friendly
- Designed to integrate with existing submittal process through HPMS

Traffic Data QA/QC and Flow Data Development

Login

Traffic Data QA/QC and Flow Data Development

This is a traffic data QA/QC tool to review traffic data and generate smoothed flow values. The tool makes it easier to identify missing or anomalous link traffic data values and provide estimated values for problem values. Users have the ability to review traffic data at a glance and modify flagged values by manually entering a new value or accepting the suggested value. The tool provides an export function where final data can be exported in the exact format as "input" data. For example, if the uploaded data are HPMS compatible, the output data with new AADT values are also HPMS compatible.

How it works:

- (1) Click Login and use state abbreviation for access (e.g. TN, OR, TX)
- (2) Upload Data Files data files need to be in the format specified in the HPMS Field Manual (for detail see http://www.fhwa.dot.gov/policyinformation/hpms/fieldmanual/chapter4.cfm#a4_2)
- (3) Click Summary and Details QA/QC to run the program
- (4) Accept suggested values or enter values manually
- (5) Export data

Contact

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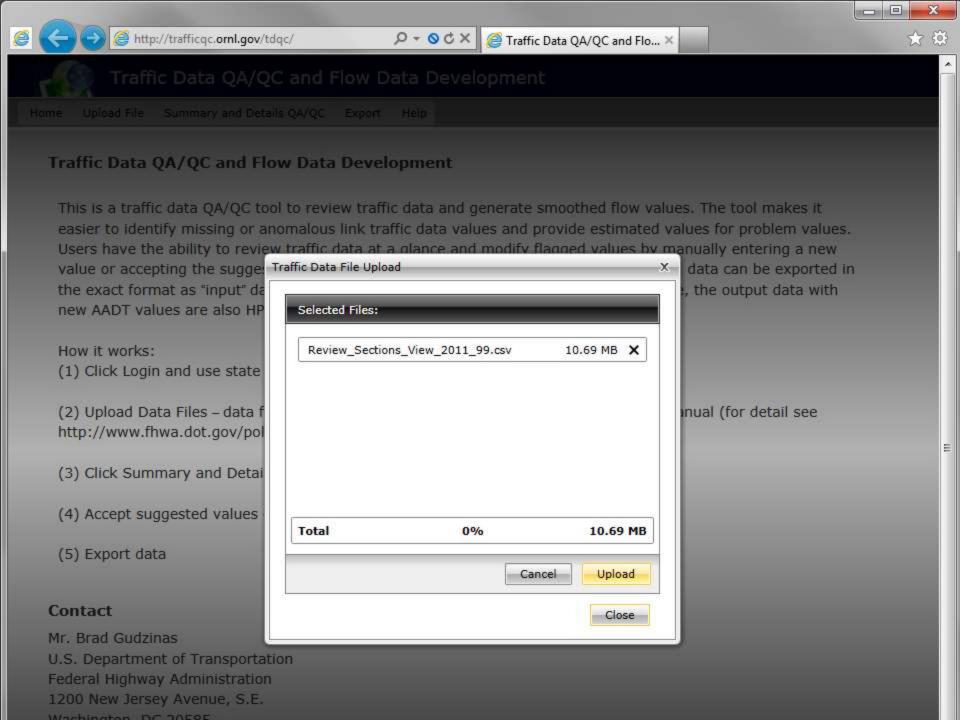
Washington, DC 20585

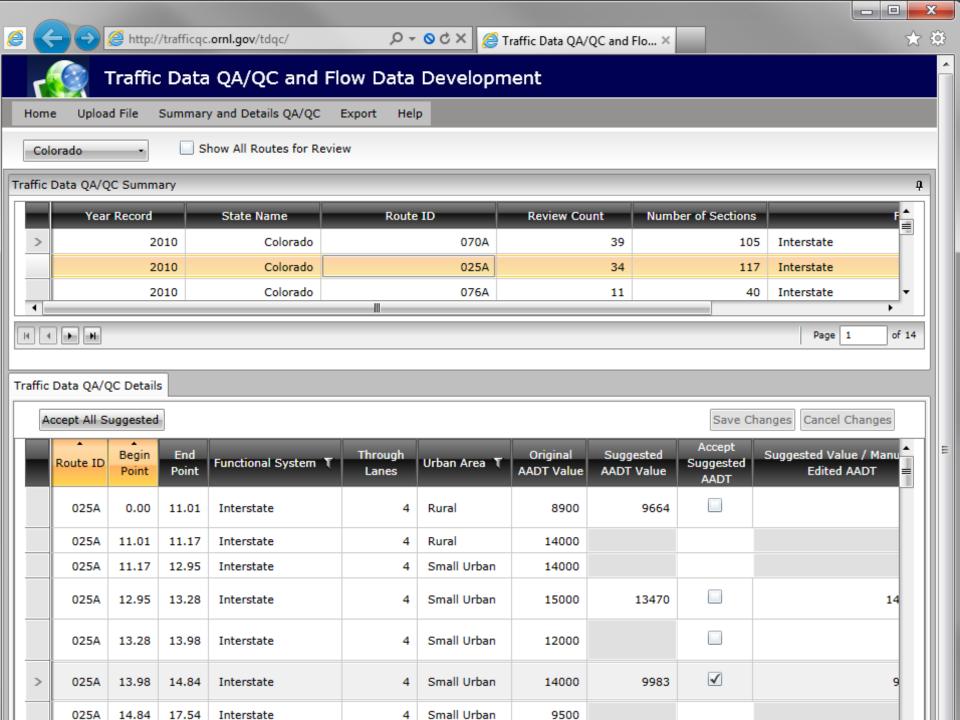
Data requirements

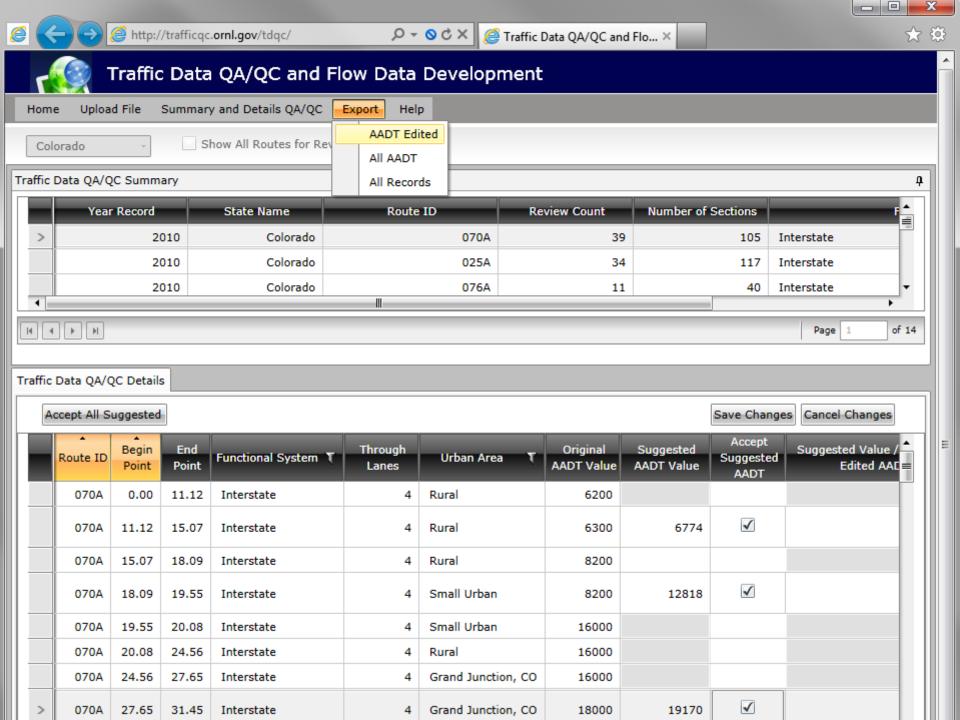
HPMS format specification

- Inventory Route Number (Route_ID)
- Beginning Mile post of section (Begin_Point)
- End Mile Post of section (End_Point)
- Average Annual Daily Traffic (AADT)
- Functional System (F_SYSTEM)
- Number of Through Lanes (Through _Lanes)
- Urban Area Code (Urban_Code)

Better traffic data in 3 easy steps







Live Demonstration

FHWA Traffic Data QA/QC Tool http://trafficqc.ornl.gov/tdqc

Questions?

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